

Converting Colors

CIELCh(60, 16.328, 253.292)

Have a look what the booklet for
CIELCh(60, 16.328, 253.292)
contains.

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Color

CIELCh(60, 16.459, 254.740)

Conversions

Conversions Part 1

Format	Color
Hex	7794AC
RGB	119, 148, 172
RGB Percent	47%, 58%, 67%
CMY	0.5329, 0.4192, 0.3251
CMYK	0.31, 0.14, 0.00, 0.33
HSL	207°, 24%, 57%
HSV	207°, 31%, 67%
XYZ	25.6839, 28.1233, 43.1571
YIQ	142.0650, -24.9880, 1.3160

Conversions

Conversions Part 2

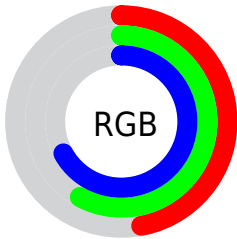
Format	Color
R_{YB}	119, 138, 172
Decimal	7836844
CIE _{Lab}	60.00, -4.33, -15.88
CIE _{LCh}	60, 16.459, 254.740
Yxy	28.1233, 0.2649, 0.2900
Android (android.graphics.Color)	4286026924 (0xFF7794AC)
YUV	142.0650, 14.7580, -20.2280
Hunter-Lab	53.0314, -6.3549, -11.1283

Details

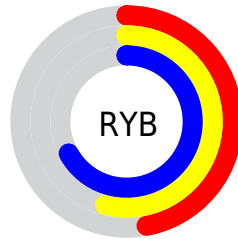
The CIELCh color $60, 16.459, 254.740$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $61, 18.361, 66.638$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 16.357, 253.826$, and $40, 16.650, 256.710$ is the 20% darker color. If you saturate the color by 10%, you get $57, 21.515, 256.854$, and if you desaturate by 10%, it is $63, 11.241, 252.978$.

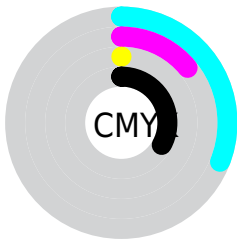
Distribution



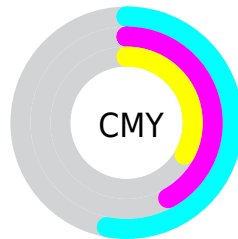
- Red (47%)
- Green (58%)
- Blue (67%)



- Red (47%)
- Yellow (54%)
- Blue (67%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)





- Cyan (53%)
- Magenta (42%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 16.459, 254.740 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 60, 16.459, 254.740 by changing the saturation by 10% instead.


 60, 16.459,
254.740


 60, 16.459,
254.740


 100, 16.459,
254.740


 50, 16.459,
254.740


 80, 16.459,
254.740

 40, 16.459,
254.740

 90, 16.459,
254.740


 30, 16.459,
254.740

 20, 16.459,
254.740

 10, 16.459,
254.740

 0, 16.459, 254.740

 60, 16.459,

 60, 16.459,

254.740

254.740

■ 57, 21.515,
256.854

■ 63, 11.241,
252.978

■ 54, 26.393,
259.392

■ 67, 5.893, 251.530

■ 50, 31.086,
262.413

■ 70, 0.443, 251.046

■ 74, 5.079, 69.113

■ 47, 35.618,
265.957

■ 77, 10.650, 68.263

■ 45, 40.046,
270.021

■ 80, 16.246, 67.515

■ 84, 21.849, 66.865

■ 42, 44.464,
274.527

■ 87, 26.946, 67.400

■ 40, 48.644,
278.764

■ 89, 28.178, 77.015

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60, 16.459, 254.740



61, 18.361, 66.638

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60, 16.459, 254.740



60, 16.459, 304.740



60, 16.459, 74.740



60, 16.459, 124.740

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60, 16.458, 254.737



86, 6.105, 251.323



66, 25.607, 158.317



45, 4.231, 251.501



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60, 16.458, 254.737



74, 24.319, 256.148



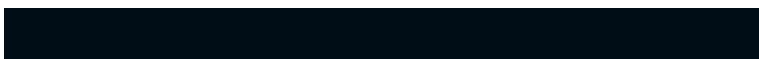
53, 29.187, 291.976



35, 3.113, 251.342



35, 43.627, 278.196



3, 7.102, 260.343

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56, 26.303, 343.868



68, 39.182, 344.600



69, 27.314, 105.031



34, 4.795, 341.882



32, 57.929, 356.941



2, 9.400, 346.263

Previews

White Background



This preview shows how the CIELCh color 60, 16.459, 254.740 looks on a white background.

Color Contrast Check

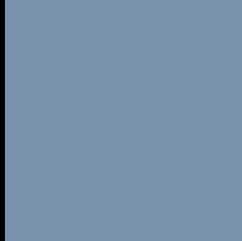
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 60, 16.459, 254.740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

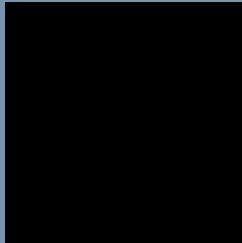
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

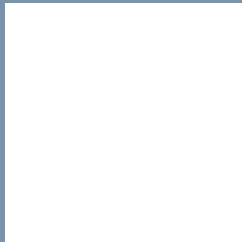
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 16.459, 254.740

Background



This preview shows how black text looks on a background with the CIELCh color 60, 16.459, 254.740.



This preview shows how white text looks on a background with the CIELCh color 60, 16.459, 254.740.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

60, 16.459, 254.740

Protanopia

60, 14.739, 286.255

Deuteranopia

60, 18.731, 295.515



Tritanopia
60, 13.192, 229.613

Trichromacy



Original Color
60, 16.459, 254.740

Protanomaly
60, 14.717, 273.623

Deuteranomaly
60, 16.601, 281.041

Tritanomaly
60, 14.142, 241.714

Monochromacy



Original Color
60, 16.459, 254.740

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 6.240, 254.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 16.459, 254.740 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(119, 148, 172)` looks like.

```
.text, #text, p{  
    color:rgb(119, 148, 172)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(119, 148, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 148, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 16.459, 254.740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 148, 172) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(119, 148, 172) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(119, 148, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 148, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 148, 172);  
box-shadow:4px 4px 4px 4px rgb(119, 148,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 16.459, 254.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 148, 172) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(119,  
148, 172) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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